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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/899,276B

DATE: 11/06/2002

TIME: 14:47:02

Input Set : A:\012627-023.ST25.txt

Output Set: N:\CRF4\11062002\I899276B.raw

#13/K.T.
11/19

R&W
Seq:
listing

3 <110> APPLICANT: Rosl, Frank
 4 Soto, Ubaldo
 5 Coy, Johannes
 6 Finzer, Patrick
 7 Delius, Hajo
 8 Poustka, Annemarie
 9 zur Hausen, Harald
 10 Patzelt, Andrea
 12 <120> TITLE OF INVENTION: Novel Regulatory Sequences of the MCP-1 Gene
 14 <130> FILE REFERENCE: 012627-023
 16 <140> CURRENT APPLICATION NUMBER: US 09/899,276B
 17 <141> CURRENT FILING DATE: 2001-07-06
 19 <150> PRIOR APPLICATION NUMBER: EP 00 114 560.6
 20 <151> PRIOR FILING DATE: 2000-07-06
 22 <160> NUMBER OF SEQ ID NOS: 12
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 600
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <400> SEQUENCE: 1
 32 tagaaaaatt ataggatcat taagaaaagga gaaggaagag tgggagcaaa tacctggagg 60
 33 tagaaatggt gatgtatgtt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120
 34 cgggcccaca ccaatgtcaa gggatgacaa tttagaaagga agtttgagtc aagggatttg 180
 35 aatgttaggg tgaaaagtta ctactcaact ctgttaggtt aaaggaaacg ttgagaatct 240
 36 tcagtccaat gaggagggat gtgcattgtt tagagattca gagataagtt tcaggaaatg 300
 37 taacttataag attttataca tacacagaga aatacggact agtgagaagc tattgccatg 360
 38 gtccaagcaa gagatgatga aggcttaaat atggagccaa agaggcagca atgaagaatg 420
 39 agccatgcag ggtgaaatgc tgcattgtt aaatggagga gaaagacctg tgacttcaga 480
 40 tatgaaaacc tcattttcaa cccacatttt aaggggcag cttccctgaa accagaatgt 540
 41 gtttccctcc attactatac cccatcccc atctcaggca cctggaatca tccatttaaa 600
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 200
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 2
 50 tgcagctaac ttattttccc cttagcttcc ccagacacct ttttttattt tattataatg 60
 51 aattttgttt gttgatgtga aacattatgc cttaagtaat gtttaattctt atttaagtta 120
 52 ttgatgtttt aagtttatct ttcatggtagc tagtgtttt tagatacaga gacttggga 180
 53 aattgctttt cctcttgtac 200
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 150
 57 <212> TYPE: DNA

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58 <213> ORGANISM: Homo sapiens
 60 <400> SEQUENCE: 3
 61 caaagatcac attctagctc tgaggtata g cagaagcac tggatttaa tgagctttt 60
 62 ctcttcctt gcctgcctt tgcttttcc tcatgactct ttctgtct taagatcaga 120
 63 ataatccagt tcatcctaaa atgcttttc 150
 65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 250
 67 <212> TYPE: DNA
 68 <213> ORGANISM: Homo sapiens
 70 <400> SEQUENCE: 4
 71 agcttctat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
 72 ggagccggc caaagctga gagctccttc ctggctggg gccccttgg aatgtggcct 120
 73 gaaggtaagc tggcagcgg cctgacatgc ttcatctag ttccctcgct tccttcctt 180
 74 tctgcagtt tcgcttcaca gaaagcagaa tcctaaaaa taacccttt agttcacatc 240
 75 tgtggtcagt 250
 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 300
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Homo sapiens
 82 <400> SEQUENCE: 5
 83 aaggaggagg cagtgggcta ggagaatcga gagatcagaa ttttaaactc agccagcca 60
 84 ttaacatgcc tcaagtactc ctatcatatt tgtaagagac aacagttcac tgaatgaat 120
 85 tctaaggctc ttgggtttt atcagtgtgc ttctgttagtt tctgaggaaa tctaaggcac 180
 86 aactgaggaa tgaagtcaagg cttccaatt cccgaatac tcctccactg cttactcatg 240
 87 tcccttgaaa attaagaagg aagccaggag catagctgcc ataaccaggg atgaacttct 300
 90 <210> SEQ ID NO: 6
 91 <211> LENGTH: 300
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo sapiens
 95 <400> SEQUENCE: 6
 96 aaaatataaa aattagccag gcgtgatgtc atgtgcctgt agtcccagct actccggagg 60
 97 ctgaggcagg agaacatctt gaatccagga ggcgcagggtt gcagtgagca gagatagtgc 120
 98 cactgcactc cagcctgggt gacagatgtc gactctgtct caaaaaata aaataaaaata 180
 99 aaaaatgcag actgtgatcc agcaggtctg gttgaagcc cagaactctc tgataaattc 240
 100 aatggcactt aactacttgg aggtcatgga tgccttgct aatctaatac aagctactga 300
 103 <210> SEQ ID NO: 7
 104 <211> LENGTH: 650
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Homo sapiens
 108 <400> SEQUENCE: 7
 109 ggcttgtgcc gagatgttcc cagcacagcc ccatgtgaga gctccctggc tccggccca 60
 110 gtatctggaa tgcaggctcc agccaaatgc attctttct acgggatctg ggaacttcca 120
 111 aagctgcctc ctcagagtgg gaatttccac tcacttctct cacgccagca ctgacccccc 180
 112 agccccggag ggcacatctt cttgacagag cagaagtggg aggccagacag ctgtcacttt 240
 113 ccagaagact ttctttctg attcatacccc ttcaccttcc ctgtgtttac tgtctgatat 300
 114 atgcaaaggc caagtcactt tccagagatg acaactcctt cctgaagtag agacatgctt 360
 115 ccaacactca gaagcctatg tgaacactca gccagcaaa ctggaaatgtt ttctctgtga 420
 116 ccatgggcta attggctcc ttctctgtat tggcttat cagataaaaaa caagtggatc 480
 117 atgccacagg atgtctataa gcccattgtat tctggatttc tatgagtgat gctgatatga 540

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118 ctaagccagg agagacttat ttaaaagatct cagcatctt cagcttggta accttagagaa 600
119 aacccgaagc atgactggat tataaaggga aattgaatgc ggtccaccaa 650
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Part of 3'-DHSR
129 <400> SEQUENCE: 8
130 ggaagggttga gtcaaggatt 20
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 21
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 9
141 gataaggttga ctcagaaaag g 21
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Oligonucleotide
151 <400> SEQUENCE: 10
152 ggaagggttga gtcaaggat t 21
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 21
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Oligonucleotide
162 <400> SEQUENCE: 11
163 cgcttgatga ctcagccgga a 21
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Oligonucleotide
173 <400> SEQUENCE: 12
174 ttttggattt aagccaatat gataa 25

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/899,276B

DATE: 11/06/2002
TIME: 14:47:03

Input Set : A:\012627-023.ST25.txt
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